

Title (en)
PUSH LAWN MOWER

Title (de)
SCHIEBERASENMÄHER

Title (fr)
TONDEUSE À GAZON POUSSÉE

Publication
EP 3864950 A4 20211208 (EN)

Application
EP 19870559 A 20191017

Priority
• CN 201811172312 A 20181009
• CN 2019111715 W 20191017

Abstract (en)
[origin: EP3864950A1] A lawn mower includes a housing (1), a traveling wheel for supporting the lawn mower (100), a self-propelled motor for driving the traveling wheel, and a control circuit board (5) for controlling turning-on and turning-off of the self-propelled motor. The traveling wheel includes a pair of front traveling wheels (31) and a pair of rear traveling wheels (32), and the self-propelled motor includes a first self-propelled motor (41) and a second self-propelled motor (42). The lawn mower further includes a first control element and a second control element, the first control element is configured to control the control circuit board to turn-on or turn-off the first self-propelled motor, and the second control element is configured to control the control circuit board to turn-on or turn-off the second self-propelled motor. The lawn mower can be driven in two-wheel drive or four-wheel drive as required, which is convenient to operate and maintain.

IPC 8 full level
A01D 34/68 (2006.01); **A01D 34/69** (2006.01)

CPC (source: CN EP US)
A01D 34/006 (2013.01 - CN EP); **A01D 34/008** (2013.01 - US); **A01D 34/6806** (2013.01 - CN); **A01D 34/6818** (2013.01 - US); **A01D 34/69** (2013.01 - EP US); **A01D 34/78** (2013.01 - EP); **A01D 2034/6843** (2013.01 - EP US); **A01D 2101/00** (2013.01 - US)

Citation (search report)
• [XAI] WO 2018137687 A1 20180802 - POSITEC POWER TOOLS SUZHOU CO LTD [CN]
• [A] WO 2017198066 A1 20171123 - NANJING CHERVON IND CO LTD [CN]
• [A] US 6591593 B1 20030715 - BRANDON DENNIS [US], et al
• [A] CN 104908817 A 20150916 - KUBOTA KK, et al
• See references of WO 2020074011A1

Cited by
EP4393288A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3864950 A1 20210818; EP 3864950 A4 20211208; CN 109392418 A 20190301; US 2021337727 A1 20211104;
WO 2020074011 A1 20200416

DOCDB simple family (application)
EP 19870559 A 20191017; CN 201811234727 A 20181023; CN 2019111715 W 20191017; US 201917283248 A 20191017